This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~Composite~~ A composite material having an optical effect [[,]] comprising

at least one moulding which ~~essentially~~ consists essentially of core/shell particles whose shell forms a matrix and whose core is essentially solid and has an essentially monodisperse size distribution, where a difference exists between the refractive indices of the core material and of the shell material, wherein the shell in the core/shell particles is connected to the core via an interlayer, and

at least one further material which determines the mechanical properties of the composite.

2. (Cancelled)

3. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ wherein at least one contrast material is included in the at least one moulding which essentially consists of core/shell particles, where the at least one contrast material is a pigment~~, preferably an absorption pigment and particularly preferably a black pigment~~.

4. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ wherein the core/shell particles have a mean particle diameter of ~~in the range from~~ about 5 nm to about 2000 nm~~, preferably in the range from about 5 to 20 nm or in the range 50 – 500 nm~~.

5. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ wherein the difference between the refractive indices of the core material and shell material is at least 0.001~~, preferably at least 0.01 and particularly preferably at least 0.1~~.

6. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ wherein the at least one moulding which essentially consists of core/shell particles is in the form of a layer.

7. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ wherein the at least one further material which determines the mechanical properties of the composite essentially consists of polymers~~, preferably thermoplastic polymers~~.

8. (Currently Amended) ~~Composite~~ A composite material according to Claim 1, ~~characterised in that~~ which ~~the arrangement~~ is in the form of a laminate, and the at least one further material which determines the mechanical properties of the composite ~~can be processed at temperatures~~ is processable at a temperature below 200°C.

9. (Currently Amended) ~~Composite~~ A composite material according Claim 1, ~~characterised in that~~ wherein the at least one further material which determines the mechanical properties of the composite essentially consists of rubber polymers.

10. (Currently Amended) ~~Process for the production of~~ A process for preparing a composite material ~~materials~~ having an optical effect according to claim 1, ~~characterised in that~~ comprising connecting the at least one moulding ~~which essentially consists of core/shell particles whose shell forms a matrix and whose core is essentially solid and has an essentially monodisperse size distribution, where a difference exists between the refractive indices of the core material and of the shell material, is strongly connected~~ to the at least one further material which determines the mechanical properties of the composite.

11. (Currently Amended) ~~Process for the production of composite materials~~ A process for preparing a composite material according to Claim 10, ~~characterised in that the strong connection is effected~~ wherein the connecting is achieved by the action of mechanical force and/or heating.

12. (Currently Amended) ~~Process for the production of composite materials~~ A process for preparing a composite material according Claim 10, wherein the connecting is achieved ~~1, characterised in that the strong connection is effected~~ by uniaxial pressing.

13. (Currently Amended) ~~Process for the production of composite materials~~ A process for preparing a composite material according to Claim 10, wherein the connecting is achieved ~~1, characterised in that the strong connection is effected~~ by casting-in or back moulding.

14. (Currently Amended) ~~Process for the production of composite materials~~ A process for preparing a composite material according to Claim 10, wherein the connecting is ~~1, characterised in that the strong connection is effected 1, characterised in that the strong connection is processed~~ further processed by thermoforming~~, in particular~~ or deep drawing.

15. (Currently Amended) ~~Process for the production of composite materials~~ A process for preparing a composite material according to Claim 10, wherein the connecting is achieved ~~1, characterised in that the strong connection is effected~~ by coextrusion.

16. (New) A composite material according to Claim 3, wherein the pigment is an absorption pigment.

17. (New) A composite material according to Claim 3, wherein the pigment is a black pigment.

18. (New) A composite material according to Claim 1, wherein the core/shell particles have a mean particle diameter of about 5 to 20 nm or about 50 to 500 nm.

19. (New) A composite material according to Claim 1, wherein the difference between the refractive indices of the core material and shell material is at least 0.01.

20. (New) A composite material according to Claim 1, wherein the difference

between the refractive indices of the core material and shell material is at least 0.1.

21. (New) A composite material according to Claim 1, wherein the at least one further material which determines the mechanical properties of the composite essentially consists of thermoplastic polymers.